

SERVICE INSTRUCTION

DATE: September 21, 2007

Service Instruction No. 1484A
(Supersedes Service Instruction No. 1484)
Engineering Aspects are
FAA Approved

SUBJECT: Installation Torque for Fuel Metering Device, Carburetor, Fuel Injector Servo
or “AN” Fuel Pump Hold Down Nuts

MODELS AFFECTED: All Lycoming reciprocating aircraft engines.

TIME OF COMPLIANCE: When installing a fuel metering device, carburetor, fuel injector servo or
“AN” fuel pump.

Anytime a fuel metering device, carburetor, fuel injector servo or “AN” fuel pump is installed on a Lycoming engine the following torque values must apply:

1. Refer to the appropriate Parts Catalog for the correct washers, lock washers, nuts, gaskets, and spacers for each application.
2. Ensure that the accessory housing studs are free of dirt and debris and that the threads are not damaged.

INSTALLATION:

1. Install the specified washers, lock washers, nuts, gaskets, and spacers as applicable.
2. In a crisscross pattern, tighten the nuts finger tight so that the flange of the fuel metering device, carburetor or fuel injector servo unit, or “AN” fuel pump is flat to the attaching flange.
3. Torque the nuts in a crisscross pattern to an initial torque value from the table below.
4. Torque the nuts in a crisscross pattern to a final torque value from the table below.

| Nut Size | Initial Torque | Final Torque |
|----------|----------------|-----------------|
| 1/4-20 | 48 inch pounds | 96 inch pounds |
| 5/16-18 | 90 inch pounds | 204 inch pounds |

NOTE: Revision “A” revises text.